

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hans Andrea SCHULER et al  
Based on : PCT/CH 03/00346  
Title : Parallel Manipulator With Backlash-Free Gearings  
Docket No. : R.310501  
Customer No. : 02119

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Sir:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 5 of this paper.

**Remarks** begin on page 10 of this paper.